

08/620978

422-14

422	14
Class	Subclass
ISSUE CLASSIFICATION	

PATENT DATE

NOV 04 1997

PATENT
NUMBER

5683654



5683654

SERIAL NUMBER
08/620,978FILING DATE
03/22/96CLASS
120

420

SUBCLASS

1914

GROUP ART UNIT
1912

EXAMINER

M. J. J. J.

APPLICANTS

ANTHONY W. DALLMIR, LAFAYETTE, IN; WILLIAM F. MCCOY, NAPERVILLE, IL.

CONTINUING DATA***

VERIFIED

G.M. None

FOREIGN/PCT APPLICATIONS***

VERIFIED

G.M. None

FOREIGN FILING LICENSE GRANTED 06/07/96

Foreign priority claimed
35 USC 119 conditions met☐ yes ☒ no
☐ yes ☒ noAS
FILEDSTATE OR
COUNTRY

IN

SHEETS
DRWGS.

0

TOTAL
CLAIMS

52

INDEP.
CLAIMS

3

FILING FEE
RECEIVED

\$1,584.00

ATTORNEY'S
DOCKET NO.

5244

ADDRESS
ROBERT A MILLER
PATENT AND LICENSING DEPARTMENT
NALCO CHEMICAL COMPANY
ONE NALCO CENTER
NAPERVILLE IL 60563-1198TITLE
PROCESS TO MANUFACTURE STABILIZED ALKALI OR ALKALINE EARTH METAL
HYPOBROMITE AND USES THEREOF IN WATER TREATMENT TO CONTROL MICROBIAL
FOULING

U.S. DEPT. OF COMM./PAT. & TM - PTO-438L (Rev. 12-94)

PARTS OF APPLICATION
FILED SEPARATELY

JUL 07 1998

Applications Examiner

NOTICE OF ALLOWANCE MAILED

6/19/97

Assistant Examiner

CLAIMS ALLOWED

Total Claims

52

Print Claim

1

ISSUE FEE

Amount Due

\$1200

Date Paid

7-18-97

TIMOTHY MCMAHON
PRIMARY EXAMINER
GROUP 1300

Primary Examiner

DRAWING

Sheets Drwg.

Figs. Drwg.

Print Fig.

ISSUE
BATCH
NUMBER

031

Label
Area

PREPARED FOR ISSUE

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ISSUE FEE IN FILE

PATENT NUMBER

ORIGINAL CLASSIFICATION

CLASS

SUBCLASS

422

14

APPLICATION SERIAL NUMBER

08/620,978

CROSS REFERENCE(S)

CLASS

SUBCLASS
(ONE SUBCLASS PER BLOCK)

APPLICANT'S NAME (PLEASE PRINT)

BAILMIER et al.

8

108.1

109

129

115.68

8

115.69

137

252

94

186.2

186.36

186.37

252

187.1

423

511

579

PREVIOUS ISSUE, ORIGINAL PATENT NUMBER

INTERNATIONAL CLASSIFICATION

C	2	3	F

11/08

GROUP
ART UNIT

1312

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

Timothy McMahon

TIMOTHY MCMAHON

PTO 270
REV. 5-91)

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
GROUP 1300